

AMENDMENTS TO THE CLAIMS

This listing of Claims shall replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-26. (Cancelled)

27. (Previously Presented) A method of generating a project datasheet file, said method comprising:

accessing data associated with a configuration of a manufactured programmable system on a chip;
accessing a stylesheet associated with project datasheets; and
processing said data according to said stylesheet to automatically generate a project datasheet file, wherein said project datasheet file comprises pinout assignment data for said manufactured programmable system on a chip, and wherein said project datasheet file further comprises configuration information for at least one user module implemented in response to a user input and implemented using a block of said manufactured programmable system on a chip.

28. (Previously Presented) The method of Claim 27, wherein said data is formatted in XML, wherein said stylesheet comprises an XSL stylesheet, and wherein said method further comprises:

formatting said project datasheet file in HTML; and
rendering said project datasheet file for display using a browser.

29. (Previously Presented) The method of Claim 27, wherein said block is selected from a group consisting of an analog block and a digital block.
30. (Previously Presented) The method of Claim 27, wherein said data is selected from a group consisting of pinout information, schematics, connectivity information, parameters, block information, and signal information.
31. (Previously Presented) The method of Claim 27 further comprising:
displaying said project datasheet file, wherein said displaying comprises a single action display.
32. (Previously Presented) The method of Claim 27, wherein said accessing said data comprises accessing said data from an XML database.
33. (Previously Presented) The method of Claim 27, wherein said configuration information comprises information selected from a group consisting of user module parameters, block types, block locations, and global register values.
34. (Previously Presented) The method of Claim 27 further comprising:
in response to a user-initiated change to said configuration of said manufactured programmable system on a chip, accessing updated data associated with said configuration of said manufactured programmable system on a chip; and
processing said updated data according to said stylesheet to automatically generate an updated project datasheet file.

35. (Previously Presented) The method of Claim 34 further comprising:
in response to said processing, automatically displaying said updated project datasheet.
36. (Previously Presented) A computer system comprising a processor and a memory, wherein said memory comprises instructions that when executed on said processor implement a method of generating a project datasheet file, said method comprising:
accessing data associated with a configuration of a manufactured programmable system on a chip, wherein said data is formatted in XML;
accessing a stylesheet associated with project datasheets; and
processing said data according to said stylesheet to automatically generate a project datasheet file, wherein said project datasheet file comprises pinout assignment data for said manufactured programmable system on a chip, and wherein said project datasheet file further comprises configuration information for at least one user module implemented in response to a user input and implemented using a block of said programmable system on a chip.
37. (Previously Presented) The computer system of Claim 36, wherein said data is formatted in XML, wherein said stylesheet comprises an XSL stylesheet, and wherein said method further comprises:
formatting said project datasheet file in HTML; and
rendering said project datasheet file for display using a browser.
38. (Previously Presented) The computer system of Claim 36, wherein said block is selected from a group consisting of an analog block and a digital block.

39. (Previously Presented) The computer system of Claim 36, wherein said data is selected from a group consisting of pinout information, schematics, connectivity information, parameters, block information, and signal information.

40. (Previously Presented) The computer system of Claim 36, wherein said method further comprises:

displaying said project datasheet file, wherein said displaying comprises a single action display.

41. (Previously Presented) The computer system of Claim 36, wherein said configuration information comprises information selected from a group consisting of user module parameters, block types, block locations, and global register values.

42. (Previously Presented) The computer system of Claim 36, wherein said method further comprises:

in response to a user-initiated change to said configuration of said manufactured programmable system on a chip, accessing updated data associated with said configuration of said manufactured programmable system on a chip;

processing said updated data according to said stylesheet to automatically generate an updated project datasheet file; and

in response to said processing, automatically displaying said updated project datasheet.

43. (Previously Presented) A computer readable medium comprising executable instructions which, when executed in a processing system, causes

the system to perform a method of generating a project datasheet file, said method comprising:

- accessing data associated with a configuration of a manufactured programmable system on a chip;
- accessing a stylesheet associated with project datasheets;
- processing said data according to said stylesheet to automatically generate a project datasheet file, wherein said project datasheet file comprises pinout assignment data for said manufactured programmable system on a chip, and wherein said project datasheet file further comprises configuration information for at least one user module implemented in response to a user input and implemented using a block of said manufactured programmable system on a chip.

44. (Previously Presented) The computer readable medium of Claim 43, wherein said block is selected from a group consisting of an analog block and a digital block.

45. (Previously Presented) The computer readable medium of Claim 43, wherein said data is selected from a group consisting of pinout information, schematics, connectivity information, parameters, block information, and signal information.

46. (Previously Presented) The computer readable medium of Claim 43, wherein said method further comprises:

- displaying said project datasheet file, wherein said displaying comprises a single action display.

47. (Previously Presented) The computer readable medium of Claim 43, wherein said configuration information comprises information selected from a group consisting of user module parameters, block types, block locations, and global register values.

48. (Previously Presented) The computer readable medium of Claim 43, wherein said method further comprises:

in response to a user-initiated change to said configuration of said manufactured programmable system on a chip, accessing updated data associated with said configuration of said manufactured programmable system on a chip;

processing said updated data according to said stylesheet to automatically generate an updated project datasheet file; and

in response to said processing, automatically displaying said updated project datasheet.

49-51. (Cancelled)